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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/646,532
	Filing Date	August 22, 2003
	First Named Inventor	Kenneth Collins, et al.
	Art Unit	1763
	Examiner Name	Unknown
	Attorney Docket Number	006915 P04
Total Number of Pages in This Submission	4	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Robert M. Wallace Reg. No. 29,119
Signature	
Date	

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Typed or printed name	Shelly Hart
Signature	
Date	08/02/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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04/02/04  
Date



PATENT

Attorney Docket No. 6915 P04  
RW Ref. No. APM/001-02-CP1-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Kenneth COLLINS, et al. ) Group Art Unit: 1763  
)  
Entitled: PLASMA IMMERSION ION ) Examiner: Unknown  
IMPLANTATION PROCESS USING A )  
CAPACITIVELY COUPLED PLASMA SOURCE )  
HAVING LOW DISSOCIATION AND LOW )  
MINIMUM PLASMA VOLTAGE )  
)  
Serial No.: 10/646,532 )  
)  
Filing Date: August 22, 2003 )

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

No representation is made that more pertinent material is not available or should not be considered by the Examiner. It is expected that the Patent and Trademark Office will independently conduct a complete search of appropriate art. Furthermore, no admission is being made that these documents are prior art, and applicant reserves the right to challenge any such consideration.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures, section 609 and 707.05. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each foreign patent document and/or non-patent literature is enclosed. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

Respectfully submitted,



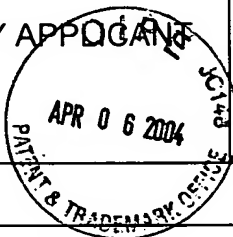
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INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT

Sheet 1 of 1



Application Number: 10/646,532  
Filing Date: August 22, 2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: 1763  
Examiner Name: Unknown  
Attorney Docket Number: 6915 P04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
	US-4,892,7523	01-09-1990	WANG ET AL.	427	38	10-25-1988
	US-5,040,046	08-13-1991	CHHABRA ET AL.	357	54	10-09-1990
	US-5,643,838	07-01-1997	DEAN ET AL.	437	238	09-03-1993
	US-5,660,895	08-26-1997	LEE ET AL.	427	579	04-24-1996
	US-5,888,413	03-30-1999	OKUMURA ET AL.	216	68	05-30-1996
	US-6,096,661	08-01-2000	NGO ET AL.	438	788	12-15-1998
	US-6,174,450 B1	01-16-2001	PATRICK ET AL.	216	61	04-16-1997
	US-6,174,743 B1	01-16-2001	PANGRL ET AL.	438	14	12-08-1998
	US-6,303,519 B1	10-16-2001	HSIAO	438	758	07-20-2000
	US-6,426,015 B1	07-30-2002	XIA ET AL.	216	62	12-14-1999

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	
	Van de Ven, Evert P., Connick, I-Wen, and Harrus, Alain S., "ADVANTAGES OF DUAL FREQUENCY PECVD FOR DEPOSITION OF ILD AND PASSIVATION FILMS," <i>IEEE, Proceedings of VMIC Conference</i> , June 12-13, 1990, pp. 194-201.

Examiner's Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.